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Jalan T. Nyak Arief, Kampus UNSYIAH, Darussalam – Banda Aceh, Tlp. (0651) 8012380, Kode Pos 23111  
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**ELECTRONIC THESIS AND DISSERTATION UNSYIAH**

**TITLE**

**KLASIFIKASI TANAH PODSOLIK MERAH KUNING MENURUT SISTEM TAKSONOMI TANAH DI PERKEBUNAN KELAPA SAWIT PT. PERKEBUNAN NUSANTARA ICOT GIREK KABUPATEN ACEH UTARA**

**ABSTRACT**

**ABSTRAK**

**KLASIFIKASI TANAH PODSOLIK MERAH KUNING MENURUT SISTEM TAKSONOMI TANAH DI PERKEBUNAN KELAPA SAWIT**

**PT. PERKEBUNAN NUSANTARA I COT GIREK  
KABUPATEN ACEH UTARA**

Lenda Sofa<sup>1</sup>, Zainabun<sup>2</sup>, Teti Arabia<sup>2</sup>

<sup>1</sup>Alumni Fakultas Pertanian Universitas Syiah Kuala

<sup>2</sup>Tenaga Pengajar Fakultas Pertanian Universitas Syiah Kuala

**ABSTRAK**

Klasifikasi tanah adalah suatu proses pemisahan/pemilahan tanah dengan cara membandingkan sifat-sifat yang dimiliki tanah. Penelitian ini bertujuan untuk mengetahui klasifikasi tanah Podsolik Merah Kuning berdasarkan sistem Taksonomi Tanah (Soil Survey Staff, 2010) di perkebunan kelapa sawit PT. Perkebunan Nusantara I Cot Girek Kabupaten Aceh Utara. Penelitian ini dilakukan dengan cara pengamatan di lapangan yang diamati adalah sifat morfologi, fisika dan kimia tanah, kemudian sampel tanah diambil dari setiap horison dan dianalisis di laboratorium. Analisis tanah yang diamati adalah: tekstur tanah, permeabilitas, porositas, bobot isi, kadar air pada kapasitas lapang, pH H<sub>2</sub>O, pH KCl, C-organik, Kejenuhan basa, asam-asam dapat ditukar dan Kapasitas tukar kation. Hasil penelitian yang diperoleh berdasarkan klasifikasi tanah menurut sistem Taksonomi Tanah (Soil Survey Staff, 2010) termasuk ke dalam Epipedon Okhrik, Horison Argilik, Ordo Ultisol, Subordo Udult, Great group Paleudult, Subgrup Arenic paleudult, dan Famili Arenic Paleudult, berliat, campuran, hipertermik.

Kata kunci: klasifikasi tanah, Podsolik Merah Kuning.

**ABSTRACT**

**SOIL CLASSIFICATION SYSTEM ACCORDING RED YELLOW PODZOLIC SOIL TAXONOMY IN PLANTATION OF OIL PALM**

**PT. PERKEBUNAN NUSANTARA I COT GIREK  
NORTH ACEH REGENCY**

Lenda Sofa<sup>1</sup>, Zainabun<sup>2</sup>, Teti Arabia<sup>2</sup>

<sup>1</sup>Alumni Fakultas Pertanian Universitas Syiah Kuala

<sup>2</sup>Tenaga Pengajar Fakultas Pertanian Universitas Syiah Kuala

Soil classification is a process of separation/segregation of land by comparing the nature of owned land. This research is aimed to determine the Red Yellow Podzolic soil classification system based on the Soil Taxonomy (Soil Survey Staff, 2010) in plantation of oil palm PT. Perkebunan Nusantara I Cot Girek North Aceh Regency. The research was conducted by observation in the field, observed were morphology traits, physical and chemical soil, then soil samples were taken and analyzed in the laboratory. Analysis of observed soil are: soil texture, permeability, porosity, bulk density, water content at field capacity, the absolute dry moisture content, pH H<sub>2</sub>O, pH KCl, C-organic, base saturation, acids can exchange and cation exchange capacity. The results obtained based on the soil classification system according to Soil Taxonomy (Soil Survey Staff, 2010) included of into Ochric epipedon, Argillic horizon, Orders Ultisols, Suborders Udults, Great Groups Paleudults, subgroups Arenic paleudults, and Family Arenic Paleudults, clayey, mixture, hipertermik.

Key words: Soil classification, Red Yellow Podzolic.